

STATE OF COLORADO
DIVISION OF MINES

DEPARTMENT OF NATURAL RESOURCES
1845 Sherman Street
Denver, Colorado 80203

A-0367

RECEIVED

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COLO. DIVISION OF MINES

NORMAN R. BLAKE
DEPUTY COMMISSIONER
FILED FOR RECORD

**METAL & NONMETAL MINE
OPERATOR'S ANNUAL REPORT**

for the Year 1974

Date MAY 3-1-1975

Assistant Commissioner of Mines

Number 71
County Dolores
Mining District _____

Name of Operation RICO ~~MILL~~ Argentine Leaching Kind of Operation Milling
Plant (Mine, Mill, Quarry, etc.)

Operator Rico Argentine Corporation Ownership (X) Lease () Contractor ()

Address (Local) Box 158, Rico 81332 Main Office Address Same

Owner Rico Argentine Mining Company Owner Address Same

Location of Property 1 mile North of Rico, Colorado

Corporation (X) Partnership () Individual ()
If a corporation, give name of state in which incorporated Texas

President R. M. Roberts Partner or Individual _____

Vice-President O. L. Jahnke Partner _____

Secretary L. G. Caskey Partner _____

Treasurer Bruce Crider Partner _____

Manager O. L. Jahnke Address P. O. Box 156, Rico, Colorado 81332
or Person in Charge Telephone Number 967-2281--967-2451--967-2301

Producing (X) Developing () Prospecting () Part Time () Idle ()

Principal Products Silver--Gold

STABILIZATION AND RECLAMATION

Total Acres Mined _____ Acres Mined During Year _____ Acres Reclaimed During Year _____
Dump or Stockpile Area 2.5 (acres) Dump or Stockpile Area Reclaimed 2.5 (acres)

PRODUCTION FOR THE YEAR

Crude Tonnage (tons, yards, pounds) Produced during the Year 81,000 Value \$ 1,200,000

List products separately, i.e., Gold, Silver, Copper, Lead, Zinc, or other minerals, Clay, Sand, Gravel, Stone, etc.

Product <u>Gold</u>	(oz., lbs., tons) <u>200</u>	Value \$ <u>35,000</u>
Product <u>Silver</u>	(oz., lbs., tons) <u>25,900</u>	Value \$ <u>103,000</u>
Product _____	(oz., lbs., tons) _____	Value \$ _____
Product _____	(oz., lbs., tons) _____	Value \$ _____
Product _____	(oz., lbs., tons) _____	Value \$ _____

LABOR STATISTICS

Number of Days Operated during the Year 81 Average No. of Employees: Undergd. _____ Surface 12

Number of Man-shifts (8 hours each) during the Year: Underground _____ Surface 26855

Total Inspection Fee 175.00 Number of Lost-time accidents during the Year None Man-hours worked 26,855

Compensation Insurance Carrier _____ State _____

Date of this report 3/1/75 Signed O. L. Jahnke

By: O. L. Jahnke

Title General Manager

This report must be submitted to the Colorado Division of Mines by March 1, 19 75

1765036 - R8 SDMS

DESCRIPTION OF PROPERTY AND OPERATION

December 5, 1974


Rico Argentine Mill - Dolores County

Cyanide solution of approximately three pounds per ton of H_2O is used as primary leach reagent. Small amounts of lime and zinc are used in the circuit for collection of the gold and silver in the leach ore pile. The ore leach pile contains approximately 100,000 tons of raw ore; this ore was hauled from the old mine dumps from several of the gold mines in this area.

First part of the ore was crushed to an average size of 1 1/2 inch, the finish of the leaching pile was made by using the ore from dumps in its original mined sizes. The leaching solution is pumped through a series of lines and distributed over the top of the leach pile by using rainbird sprinkler hoses. Soaker hoses were tried unsuccessfully, the solution did not contain proper amount of oxygen without sprinkling for oxidation. A buildup of liquor in the leach pile caused a spill over the outer berm early in the startup, solution ran into the Dolores River and caused considerable amount of undue concern. To prevent any further accidents of this nature the pad berm was raised to 4 1/2 ft. to 6 ft. A secondary retaining berm has been built between the leaching pad and the Dolores River up to 6 ft. to 10 ft. The Dolores River has been returned to the original channel, creating considerable more distance from the leach pad to the stream.

The water is checked twice daily for any pollution above and below the leaching pad to prevent any pollution of the natural stream.

After the leaching process has been completed in this pad plans are to use leached ore to refill and resurface the old settling ponds formerly used at the acid plant location. Plans are to construct other leach pads in these ponds as operation continues.


Thomas D. High
District Metal Mining Inspector

rb



JUL 28 1976

AUG 11 1976

FILED FOR RECORD

MAR 16 1977

BUREAU OF MINES
Department of Natural Resources
INFORMATION REPORT

No. I-50

Date July 14, 1976

County Dolores

RICO ARGENTINE

Leach Pads & Crusher

Name of Operation

Kind of Operation

Rico Argentine Phone 967-2281

Box 108, Rico, CO 81322

Operator

Address of Operator

Crystal Oil Company

Box 21101, Shreveport, La 71120

Owner

Address of Owner

Oraval Jahnke

Rico, Colorado 81322

Person Locally in Charge

Address of Person in Charge

Rico Argentine

Continuous from 1975

To Whom Shall Annual Report Be Sent

If New Operation, When Did Work Start

Producing ☒ Development ☐ Exploration ☐ Part Time ☒ Idle ☐
Products Gold and Silver Monthly Rate of Production 75,000 tons leach material
Value of Products \$ Market Value CHANGES DAILY Number of Days Operated 120 days 19 76
Men Employed: Total 7 Underground 7 Surface 7 Other 7

Location The Rico Argentine Leach Pads and Crusher are located one mile north of Rico, Colorado: Sec 20 T-40N R-10W N.M.P.M.

Total Acres Mined Acres Mined During Year Acres Reclaimed During Year
Dump or Stockpile Area Acres Dump or Stockpile Area Reclaimed Acres

Description of Property & Operation Two leach pads - hypalon lined, located in the old settling ponds at the original acid plant.

Surface Buildings Leach Plant

Machinery, Compressors, Hoists, Etc. Leach Pads
Leaching and recovery tanks, presses and smelter.

Type of Ground Support DOES NOT APPLY.

Ventilation DOES NOT APPLY.

Geological Formation DOES NOT APPLY.

Size of Vein or Deposit DOES NOT APPLY.

Miscellaneous (Obtain a Current Underground Map)

Inspector

District No.

Rico Argentine Mining Co.